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*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

(54) Title: **NETWORK BUS COUPLER AND SYSTEM**

(57) Abstract: A system for coupling an avionics component to a bus includes a junction box electrically coupled to the avionics component and to the bus. A circuit card disposed in the junction box includes a plurality of sockets. The some of the sockets are electrically connected to the bus. Others of the sockets are electrically connected to the avionics component. A modular network bus coupler is mountable to the circuit card. The bus coupler includes a housing with electrical isolation circuitry disposed therein. A plurality of pins are disposed exterior of the housing and engageable with at least some of the sockets of the circuit card. At least some of the pins are electrically coupled to the electrical isolation circuitry.

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# INTERNATIONAL SEARCH REPORT

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## A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : G06F 13/00

US CL : 361/437

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 361/437

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
NONE

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
EAST

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5,297,000 A (FREIGE et al) 22 March 1994 (22.03.1994), Figure 6; column 4, lines 5-14.	1-10
Y	US 6,314,481 B1 (FEHLHABER et al) 06 November 2001 (06.11.2001), column 3, line 36 - column 4, line 8.	1-10
Y	US 4,038,601 A (LABORIE et al) 26 July 1977 (26.07.1977), Figure 7; column 5, lines 43-59.	7-10
Y	US 5,841,778 A (SHAFFER et al) 24 November 1998 (24.11.1998), Figure 1; column 2, lines 54-61.	6



Further documents are listed in the continuation of Box C.



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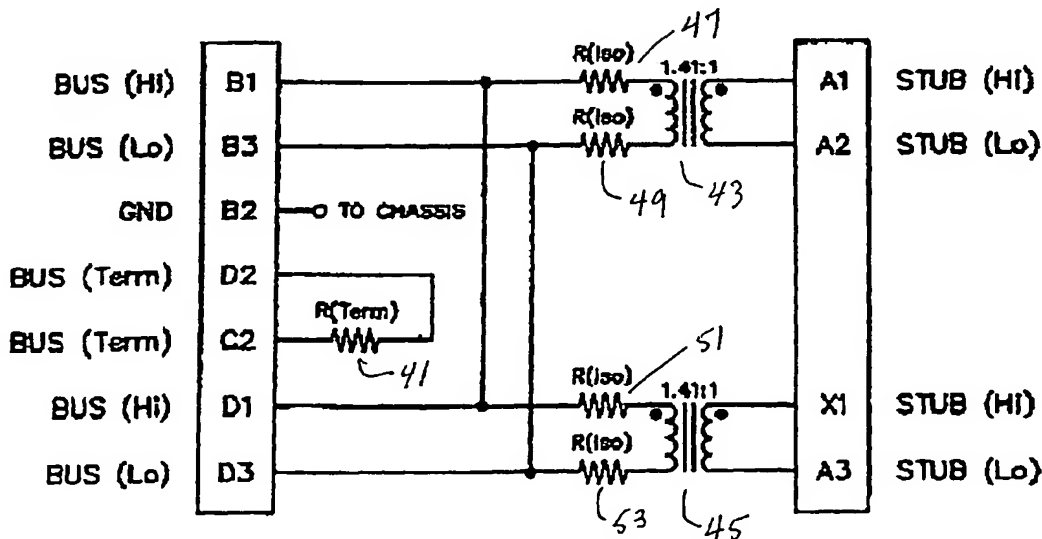
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